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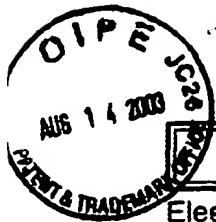
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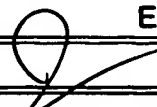



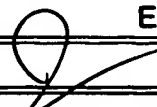



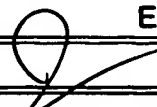
Title of Invention	IN SITU THERMAL PROCESSING OF A COAL FORMATION USING A MOVABLE HEATING ELEMENT																																																																												
<p>Application Number: 09/841493 Confirmation Number: 4047 First Named Applicant: Eric de Rouffignac Attorney Docket Number: 5659-06500 Art Unit: 3673 Examiner: John J. Kreck Search string: (3477058 or 3580987 or 3026940 or 3947683 or 3285335 or 3456721 or 0048994).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>K</td><td>1</td><td>3477058</td><td>1968-11-04</td><td>Vedder et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>3580987</td><td>1971-05-25</td><td>Priaroggia</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>3026940</td><td>1962-03-27</td><td>Spitz</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>3947683</td><td>1976-03-30</td><td>Schultz et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>3285335</td><td>1966-11-15</td><td>Reistle</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>3456721</td><td>1969-07-22</td><td>Smith</td><td></td><td></td><td></td></tr><tr><td>K</td><td>7</td><td>0048994</td><td>1865-07-25</td><td>Perry</td><td></td><td></td><td></td></tr></tbody></table> <p>RECEIVED JUN 2 8 2003 GROUP 3600</p> <p>Signature</p> <table border="1"><tr><td></td><td>Examiner Name</td><td>Date</td></tr><tr><td></td><td></td><td>1/6/03</td></tr></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	K	1	3477058	1968-11-04	Vedder et al.					2	3580987	1971-05-25	Priaroggia					3	3026940	1962-03-27	Spitz					4	3947683	1976-03-30	Schultz et al.					5	3285335	1966-11-15	Reistle					6	3456721	1969-07-22	Smith				K	7	0048994	1865-07-25	Perry					Examiner Name	Date			1/6/03
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ATTY. DKT. NO. 5659-06500

NO. 09/841,493

APPLICANT: de Rouffignac et al.

GROUP: 3673

FILING DATE: April 24, 2001

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
<i>OK</i>	T01	1836876	12/30/1994	SU			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>OK</i>	T02	Burnham, Alan, K. "Oil Shale Retorting Dependence of timing and composition on temperature and heating rate", January 27, 1995, (23 pages).
	T03	Burnham et al. "A Possible Mechanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages).
	T04	Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages).
	T05	Cummins et al. "Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, U.S. Government Printing Office, 1972, (pages 1-15).
	T06	Cook, et al. "The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23).
	T07	Hill et al., "The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical & Petroleum Engineers, 1967 (pages 75-90)..
	T08	Dinneen, et al. "Developments in Technology for Green River Oil Shale" United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-20).
	T09	De Rouffignac, E. "In Situ Resistive Heating of Oil Shale for Oil Production-A Summary of the Swedish Data, (4 pages).
	T10	Dougan, et al. "The Potential for in situ Retorting of Oil Shale in the Piceance Creek Basin of Northwestern Colorado", Quarterly of the Colorado School of Mines (pages 57-72).
	T11	Hill et al. "Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, 1967, Volume 6, (pages 52-59).
<i>L</i>	T12	Yen et al., "Oil Shale" Developments in Petroleum Science, 5, Elsevier Scientific Publishing Co., 1976 (pages 187-198).

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EXAMINER:

DATE CONSIDERED: 1/6/08

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



Electronic Information Disclosure Statement

IN SITU THERMAL PROCESSING OF A COAL FORMATION USING A MOVABLE HEATING ELEMENT

Application: *09/841493*

09/841493

Confirmation: 4047

Applicant(s): Eric deRouffignac

Docket
Number: 5659-06500

Group Art

Unit:

Examiner: Kreck, J. J.

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search string: 5955039 or 4091869 or 4513816 or 0094813 or 5008085 or 4099567 or 0048994 or 6485232 or
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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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<input type="checkbox"/>	P04	2623596	1952-12-30	*2623596*	Whorton et al.		
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<input checked="" type="checkbox"/>	P06	4524113	1985-06-18	*4524113*	Lesieur		

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<input type="checkbox"/>	P09	5955039	1999-09-21	*5955039*	Dowdy
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<input type="checkbox"/>	P12	0094813	1869-09-14	*0094813*	Dickey
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<input type="checkbox"/>	P15	0048994	1865-07-25	*0048994*	Parry
<input checked="" type="checkbox"/>	P16	6485232	2002-11-26	*6485232*	Vinegar et al.

Published Applications

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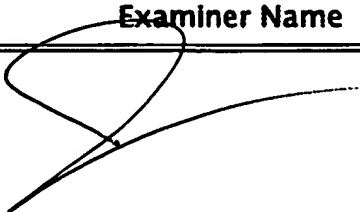
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Remarks

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	1/6/03